PAT-NO:

JP411323023A

DOCUMENT-IDENTIFIER:

-JP-411323023 A

TITLE:

RUBBER COMPOSITION AND PNEUMATIC TIRE

PUBN-DATE:

November 26, 1999

INVENTOR-INFORMATION:

NAME NOHARA, DAISUKE COUNTRY

N/A

ASSIGNEE-INFORMATION:

NAME BRIDGESTONE CORP COUNTRY N/A

APPL-NO:

JP10130725

APPL-DATE:

May 13, 1998

INT-CL (IPC): C08L021/00, B60C001/00 , B60C011/00

## ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a rubber composition that is increased in the adhesion to the road surface to show the increased gripping performance on the wet road surface and on the ice by adding a specific proportion of specific alkylene- maleic anhydride copolymer resin to the rubber component such as natural rubber.

SOLUTION: This rubber composition comprises (A) 100 pts.wt. of the rubber component comprising natural rubber and/or diene synthetic rubber as polybutadiene rubber or the like and (B) 1-20 pts.wt. of an alkylene-maleic anhydride copolymer resin (for example, isobutylene-maleic anhydride copolymer resin of formula I (R1 is a 1-8C alkylene; n is 20-2,000) and/or an alkoxyalkylene-maleic anhydride copolymer resin of formula II (R2 is a 1-8C alkyl). In a preferred embodiment, a foaming agent as azodicarbonamide or the like is added to this composition to prepare a foamed rubber composition including a number of foams.

COPYRIGHT: (C)1999, JPO

~...